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Pharmaceutical spray-prepn. for admin. of nitrate(s) - esp. for treatment of cardiovascular, disorders, asthma, migraine and colic

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ABSTRACT:

Spray prepn. comprises (wt.% based on total wt.) coronary active agent (0.3-5), neutral oil (9-75), 1,1,1,2-tetrafluoroethane (R134a; 20-70), as sole propellant opt. a 2-3C alcohol or or 2-9C ether as cosolvent and opt. other conventional auxiliaries, with the proviso that when the cosolvent is absent, the propellant (R134a) makes up a max. of 40 wt.% of the total wt. The active agent is a nitrate. USE/ADVANTAGE - The prepn., esp. if **nitroglycerin** is the active agent is used for therapy and prophylaxis of Angina pectoris, coronary infarct, myocardial infarct, coronary insufficiency, cardial long oedema, chronic Cor pulmorale, asthma, coronary sclerosis, spastic migrain and spastic bile duct colic. The amt. of active agent administered per dose is 0.4-0.6 mg for **nitroglycerin** or 1-2 mg for isosorbid dinitrate. The prepn. are clear, homogeneous mixts. which have good storage stability and provide regular doses of active agent.